

Title (en)

NOVEL SPIROBICYCLIC ANALOGUES

Title (de)

NEUE SPIROBICYCLISCHE ANALOGA

Title (fr)

NOUVEAUX ANALOGUES SPIROBICYCLIQUES

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Application

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- EP 18816013 A 20181206
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Abstract (en)

The present invention relates to novel spirobicyclic analogues of Formula (I) wherein the variables have the meaning defined in the claims. The compounds according to the present invention are useful as PRMT5 inhibitors. The invention further relates to pharmaceutical compositions comprising said compounds as an active ingredient as well as the use of said compounds as a medicament.

IPC 8 full level

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C07H 19/167 (2013.01 - EP IL KR US)

Citation (search report)

- [YDA] WO 9640686 A1 19961219 - ABBOTT LAB [US]
- [YDA] WO 2017032840 A1 20170302 - JANSSEN PHARMACEUTICA NV [BE]
- [YA] WO 2016135582 A1 20160901 - PFIZER [US]
- [AD] WO 2017153186 A1 20170914 - JANSSEN PHARMACEUTICA NV [BE]

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WO 2019110734 A1 20190613; AU 2018379456 A1 20200625; AU 2018379456 B2 20221124; BR 112020010815 A2 20201110;
CA 3084449 A1 20190613; CN 111479817 A 20200731; CN 111479817 B 20230321; EP 3720865 A1 20201014; EP 3720865 B1 20240313;
EP 3720865 C0 20240313; EP 4385996 A2 20240619; EP 4385996 A3 20240731; IL 275129 A 20200730; IL 275129 B1 20230601;
IL 275129 B2 20231001; JP 2021505582 A 20210218; JP 7352544 B2 20230928; KR 20200097280 A 20200818; MA 51004 A 20201014;
MX 2020005944 A 20200824; RU 2020122212 A 20220110; RU 2020122212 A3 20220110; US 11059850 B2 20210713;
US 11702441 B2 20230718; US 2020369707 A1 20201126; US 2021380627 A1 20211209; US 2023303612 A1 20230928

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CN 201880078974 A 20181206; EP 18816013 A 20181206; EP 24162318 A 20181206; IL 27512920 A 20200604; JP 2020530597 A 20181206;
KR 20207017711 A 20181206; MA 51004 A 20181206; MX 2020005944 A 20181206; RU 2020122212 A 20181206;
US 201816769793 A 20181206; US 202117344261 A 20210610; US 202318320071 A 20230518